

IN THE CLAIMS:

1. (Currently Amended) A method of forming an individually patterned layer in a plurality of regions of a substrate, comprising the steps of:

disposing between said substrate and a layer material source a mask including an opening corresponding to one or more of ~~said~~the plurality of regions where said layer is formed; and

causing a material from said layer material source to attach to a first region of said substrate through said opening, while relative positions of said substrate, said mask, and said layer material source are set to a first positional relationship;

causing relative movement between said mask, and said layer material source, and said substrate, and causing a material scattered from said layer material source to attach to said substrate through said opening to change relative positions of said substrate, said mask, and said layer material source from said first positional relationship to a second positional relationship; and

causing said material to attach to a second region of said substrate through said opening, while relative positions of said substrate, said mask, and said layer material source are set to said second positional relationship. , thereby forming said individually patterned layer.

2. (Original) A method according to claim 1, wherein

said layer material source is a linearly extending source elongated in a direction perpendicular to a direction of the relative movement between said mask and said layer material source, and said substrate.

3. (Original) A method according to claim 2, wherein

said linearly extending source is formed by a plurality of layer material sources arranged adjacent to each other.

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4. (Original) A method according to claim 1, wherein
said layer is an electroluminescent layer formed between first and second
electrodes, and
said layer material is an electroluminescent material.

5. (Original) A method according to claim 4, wherein
said electroluminescent material is an organic material scattered from said layer
material source by evaporation and attached to said substrate, thereby forming said
electroluminescent layer.

6. (Original) A method according to claim 1, wherein
a semiconductor material is used for said mask.

7. (Currently Amended) A method of forming an individually patterned layer in a
plurality of regions of a substrate, comprising the steps of:
disposing between said substrate and a layer material source a mask having a
smaller area than said substrate and including an opening corresponding to one or more of
the plurality of regions where said layer is formed; and
causing a material from said layer material source to attach to a first region of said
substrate through said opening, while relative positions of said substrate, said mask, and
said layer material source are set to a first positional relationship;
causing relative movement between said mask and said layer material source, and
said substrate to change relative positions of said substrate, said mask, and said layer
material source from said first positional relationship to a second positional relationship;
and
causing said material to attach to a second region of said substrate through said
opening, while relative positions of said substrate, said mask, and said layer material
source are set to said second positional relationship.
~~and causing a material scattered from said layer material source to attach to said
substrate through said opening, thereby forming said individually patterned layer.~~

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8. (Original) A method according to claim 7, wherein
said layer material source is a linearly extending source elongated in a direction perpendicular to a direction of the relative movement between said mask and said layer material source, and said substrate.
9. (Original) A method according to claim 8, wherein
said linearly extending source is formed by a plurality of layer material sources arranged adjacent to each other.
10. (Original) A method according to claim 7, wherein
a semiconductor material is used for said mask.
11. (Currently Amended) A manufacturing method of a color emissive device including, on a substrate, a self-emissive element having a first electrode, an emissive material layer for each color, and a second electrode, for each of a plurality of pixels, said method comprising the steps of:
disposing between said substrate and an emissive material source a mask including an opening at a position corresponding to a region for forming the emissive material layer of one or more of said plurality of pixels of said substrate; and
causing an emissive material from said emissive material source to attach to a first region of said substrate through said mask, while relative positions of said substrate, said mask, and said layer material source are set to a first positional relationship;
sliding a relative position between said mask, ~~and~~ said emissive material source, and said substrate by a predetermined pitch corresponding to a size of the pixel of said substrate to change relative positions of said substrate, said mask, and said layer material source from said first positional relationship to a second positional relationship;
causing said emissive material to attach to a second region of said substrate through said opening, while relative positions of said substrate, said mask, and said layer material source are set to said second positional relationship, ~~and causing an emissive~~

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~~material to attach to a predetermined region of said substrate through said mask, thereby forming the emissive material layer.~~

12. (Original) A manufacturing method of a color emissive device according to claim 11, wherein

said substrate is slid in two directions of said substrate perpendicular to each other by a pitch corresponding to an arrangement of said pixels for a same color.

13. (Original) A manufacturing method of a color emissive device according to claim 11, wherein

said substrate is slid in one direction of said substrate by a pitch corresponding to an arrangement of said pixels for a same color.

14. (Original) A manufacturing method of a color emissive device according to claim 11, wherein

said emissive material source is a linearly extending source elongated in a direction perpendicular to a direction of the relative movement between said mask and said emissive material source, and said substrate.

15. (Original) A manufacturing method of a color emissive device according to claim 14, wherein

said linearly extending source is formed by a plurality of emissive material sources arranged adjacent to each other.

16. (Original) A manufacturing method of a color emissive device according to claim 11, wherein

said self-emissive element is an electroluminescent element.

17. (Original) A manufacturing method of a color emissive device according to claim 11, wherein

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said emissive device is a display device for displaying an image with a plurality of pixels.

18. (Original) A manufacturing method of a color emissive device according to claim 11, wherein

a semiconductor material is used for said mask.

19. (Currently Amended) A manufacturing method of a color emissive device including, on a substrate, a self-emissive element having a first electrode, an emissive material layer for each color, and a second electrode, for each of a plurality of pixels, said method comprising the steps of:

disposing between said substrate and an emissive material source a mask including an opening at a position corresponding to a region for forming the emissive material layer of one or more of said plurality of pixels of said substrate, and having a smaller area than said substrate to cover one or more of said plurality of pixels on said substrate; and

causing an emissive material from said emissive material source to attach to a first region of said substrate through said mask, while relative positions of said substrate, said mask, and said layer material source are set to a first positional relationship;

sliding a relative position between said mask, and said emissive material source, and said substrate by a predetermined pitch corresponding to a size of the pixel of said substrate to change relative positions of said substrate, said mask, and said layer material source from said first positional relationship to a second positional relationship;

causing said emissive material to attach to a second region of said substrate through said opening, while relative positions of said substrate, said mask, and said layer material source are set to said second positional relationship. ,and-causing-an-emissive material-to-attach-to-a-predetermined-region-of-said-substrate-through-said-mask, thereby forming the emissive material layer.

20. (Original) A manufacturing method of a color emissive device according to claim 19, wherein

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said substrate is slid in two directions of said substrate perpendicular to each other by a pitch corresponding to an arrangement of said pixels for a same color.

21. (Original) A manufacturing method of a color emissive device according to claim 19, wherein

said substrate is slid in one direction of said substrate by a pitch corresponding to an arrangement of said pixels for a same color.

22. (Original) A manufacturing method of a color emissive device according to claim 19, wherein

said emissive material source is a linearly extending source elongated in a direction perpendicular to a direction of the relative movement between said mask and said emissive material source, and said substrate.

23. (Original) A manufacturing method of a color emissive device according to claim 22, wherein

said linearly extending source is formed by a plurality of emissive material sources arranged adjacent to each other.

24. (Original) A manufacturing method of a color emissive device according to claim 19, wherein

a semiconductor material is used for said mask.

25-26. (Canceled)

27. (Previously Presented) A method according to claim 1, further comprising forming said material scattered from said layer source on said substrate through said opening of said mask into a layer having a pattern according to a shape of said opening.

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28. (Previously Presented) A method according to claim 7, further comprising forming said material scattered from said layer source on said substrate through said opening of said mask into a layer having a pattern according to a shape of said opening.

29. (Previously Presented) A manufacturing method of a color emissive device according to claim 11, further comprising forming said material scattered from said layer source on said substrate through said opening of said mask into a layer having a pattern according to a shape of said opening.

30. (Previously Presented) A manufacturing method of a color emissive device according to claim 19, further comprising forming said material scattered from said layer source on said substrate through said opening of said mask into a layer having a pattern according to a shape of said opening.

31. (New) A method of forming an individually patterned layer in a plurality of regions of a substrate, comprising the steps of:

disposing between said substrate and a layer material source a mask including an opening corresponding to one or more of said plurality of regions where said layer is formed;

causing a material from said layer material source to attach to a first region of said substrate through said opening, while at least relative positions of said substrate and said mask are set to a first positional relationship;

causing relative movement between at least said mask and said substrate to change relative positions of at least said substrate and said mask from said first positional relationship to a second positional relationship; and

causing said material to attach to a second region of said substrate through said opening, while relative positions of at least said substrate and said mask are set to said second positional relationship.

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32. (New) A method of forming an individually patterned layer in a plurality of regions of a substrate, comprising the steps of:

disposing between said substrate and a layer material source a mask having a smaller area than said substrate and including an opening corresponding to one or more of the plurality of regions where said layer is formed;

causing a material from said layer material source to attach to a first region of said substrate through said opening, while relative positions of at least said substrate and said mask are set to a first positional relationship;

causing relative movement between at least said mask and said substrate to change relative positions of at least said substrate and said mask from said first positional relationship to a second positional relationship; and

causing said material to attach to a second region of said substrate through said opening, while relative positions of at least said substrate and said mask are set to said second positional relationship.

33. (New) A manufacturing method of a color emissive device including, on a substrate, a self-emissive element having a first electrode, an emissive material layer for each color, and a second electrode, for each of a plurality of pixels, said method comprising the steps of:

disposing between said substrate and an emissive material source a mask including an opening at a position corresponding to a region for forming the emissive material layer of one or more of said plurality of pixels of said substrate;

causing an emissive material from said emissive material source to attach to a first region of said substrate through said mask, while relative positions of at least said substrate and said mask are set to a first positional relationship;

sliding a relative position of at least said mask and said substrate by a predetermined pitch corresponding to a size of the pixel of said substrate to change relative positions of at least said substrate and said mask from said first positional relationship to a second positional relationship;

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causing said emissive material to attach to a second region of said substrate through said opening, while relative positions of at least said substrate and said mask are set to said second positional relationship.

34. (New) A manufacturing method of a color emissive device including, on a substrate, a self-emissive element having a first electrode, an emissive material layer for each color, and a second electrode, for each of a plurality of pixels, said method comprising the steps of:

disposing between said substrate and an emissive material source a mask including an opening at a position corresponding to a region for forming the emissive material layer of one or more of said plurality of pixels of said substrate, and having a smaller area than said substrate to cover one or more of said plurality of pixels on said substrate; and

causing an emissive material from said emissive material source to attach to a first region of said substrate through said mask, while relative positions of at least said substrate and said mask are set to a first positional relationship;

sliding a relative position of at least said mask and said substrate by a predetermined pitch corresponding to a size of the pixel of said substrate to change relative positions of at least said substrate and said mask from said first positional relationship to a second positional relationship;

causing said emissive material to attach to a second region of said substrate through said opening, while relative positions of at least said substrate and said mask are set to said second positional relationship.

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